

SIO Shipyard Representative Bi-Weekly Progress Report		
Project: AGOR 28	Contract No.: N00014-12-C-0305	Shipyard: Dakota Creek Industries
Prepared by: Paul D. Bueren Scripps Institution of Oceanography (SIO) 297 Rosecrans St. San Diego, CA 98106	Date: March 13, 2014	Program Officer: Robert (Tim) Schnoor Office of Naval Research 875 Randolph St ONR 321 Arlington, VA 22203-1995
Distribution Statement A: Approved for public release; distribution unlimited.		Report No. A002.052

1. Meetings:

- i. Participated in weekly conference calls.
- ii. Participated in weekly yard meeting with yard and GPA.

2. The following Shipyard Question Submittals were reviewed and commented on:

No questions for this reporting period.

3. Logistics:

- i. Continuing to review Vendor Recommended Spares (VRS).
- ii. Continuing to review Technical Manuals and Supplemental Information.
- iii. Continuing to work on initial outfitting lists for Sally Ride.

4. Other Work Items:

- HMR 20, Second Galley Oven – Waiting on final approval.
- HMR 21, Stand-alone Autopilot – No new informations at this time.
- Scientific Refrigeration Boxes – No changes for this reporting period, still waiting to hear from vendor. DCI/GPA have asked the vendor to revisit this issue with the goal of meeting the J1 specifications. If the current vendor is not up to the task, DCI/GPA have been provided with a list Climate Control vendors that may be more suited to meeting the specifications.
- Sally Ride Anti-Roll Tank – The tank has been fitted and fully welded to the house. Blasting and painting to be done soon. Welders and fitter installing catwalk between pilot house and tank.
- Machining continues on struts and stern tubes.
- Pipe Fitting – Fitters were installing 4-inch vent lines to the main and foc'sle decks. Some ballast piping was being done in the hold level until the fitters were chased out by the painters.
- HVAC – Little progress on Ride over the last fortnight.
- Electrical – Little progress other than the staging of equipment and panels on board.
- Welding and Fitting – Progress continues apace on the structure and foundations.

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE MAR 2014		2. REPORT TYPE		3. DATES COVERED 00-00-2014 to 00-00-2014	
4. TITLE AND SUBTITLE AGOR 28				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Scripps Instiution Of Oceanography (SIO),297 Rosecrans St.,San Diego,CA,98106				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 10	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

- Sally Ride Stern Thruster – The motor has been placed on its foundation. The cooling fan assembly is ready for fitting. At this time the Armstrong's motor has yet to be installed.



- Sally Ride Potable Water Tanks – Post blast inspections were made on both tanks. No holidays or discrepancies noted. Coatings now being applied.



- Sally Ride Rudder Bearings – Low speed (white) Thordon bearing sleeves inserted, port & starboard.





- Sally Ride Bow Thruster – Bow Thruster lowered into place.



- Sally Ride Flag Block –



Sally Ride ABS Call-Outs

AGOR 28*

MOD 3: Computer Lab

Hospital

State Room

Galley

MOD 4: Main Lab

MOD 8: Foc'sle Deck/01 Dk – Windows

MOD 9: Wet Lab

Ventilation Trunk

Lkr FD-5

Foc'sle Deck/01 Dk - Windows

MOD 5: Main Deck

MOD 8: Foc'sle Deck – Living Qtrs

WT Testing AGOR 28*

MOD5: Ballast #3's P & S

Ballast #4's P & S (T)

5. The following DRL's were reviewed and commented on:

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#365 DI-055 (TM) for Bonney Forge L1-13 Flanged Gate Valve) (R/ASR)	727/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#366 DI-055 (TM) for ifm efector300 SI5006 Flow Monitor) (R/ASR)	729/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#348 DI-055 (TM) for 505 Ferguson PROFLO PF146424 Connection Hose) (R/ASR)	735/0
AGOR27	A014	STD Report - INVENTORY MANAGEMENT PROCEDURES AND LISTINGS (DI-014 AMS Equipment List - OC AGOR) (R/ASR)	Feb-00
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES (DR #13 MINUTES & SIGN IN SHEET) (R/ASR)	89/0
AGOR27	A005	STD Report - SINGLE SYSTEM VENDOR (SSV) DESIGN REVIEW AGENDAS AND MINUTES (SSV #7 MINUTES AND SIGN-IN SHEET) (R/ASR)	47/0
AGOR27	A027-41	DWG Report - SCIENCE WIREWAYS DIAGRAM (321.02 Scientific Wireways Diagram Rev B) (R/ASR)	Feb-00
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (POTABLE WATER DIAGRAM REV E 532-01) (R/ASR)	42/0

AGOR27	A031-04	STD Report - TEST REPORT (244.01 Propulsion Shafting Bearing Seals Test Procedure) (R/ASR)	18/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (529-02 BALLAST SYSTEM TEST PROCEDURES) (R/ASR)	61/1
AGOR27	A031-03	STD Report - TEST PROCEDURES (529-03 BALLAST SYSTEM PROCEDURES REV A) (R/ASR)	63/0
AGOR27	A027-38	DWG Report - FLUID SYSTEM CLEANING, FLUSHING, AND MAINTENANCE PROCEDURES (505-02.2 FLUSHING PROCEDURE FOR BALLAST SYSTEMS) (DARC REV)	Nov-00
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72001-13 NR Siemens Emergency SWBD) (R/ASR)	982/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72001-12 NR Siemens Ship Service SWBD) (R/ASR)	980/0
AGOR27	A027-19	DWG Report - HANDLING SYSTEMS ARRANGEMENT DRAWING (573-01 Material Handling Arr Rev. B) (R/ASR)	Jul-00
AGOR27	A027-20	DWG Report - SCIENTIFIC SYSTEMS DEPLOYMENT DRAWING (573-02 Scientific Sys Deployment Rev. B) (R/ASR)	Jul-00
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (Seawater Service Diagram) (R/ASR)	22/5
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72273-01 NR Bonney Forge L1-13 Gate Valve) (R/ASR)	956/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72284-02 NR Neway Space AVB-BC-150P-2-12B Angle Valve) (R/ASR)	958/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72829-01 NR BOBRICK Outfitting Items) (R/ASR)	960/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720179-01 NR McMaster-Carr Gauge) (R/ASR)	962/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720218-01 NR ifm efector300 SI5006 Flow Monitor) (R/ASR)	964/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72854-01 NR BrassCraft SR37XC Angle Stop) (R/ASR)	966/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 73915-01 NR Tech Products 51700 Series Mounts) (R/ASR)	968/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#367 532d Chromalox Model NWH-18-200P-E4 Circulation Heater & Contro) (R/ASR)	715/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#359 622b Schoellhorn-Allbrecht Model FBAL-30RP-22-R Accommodation L) (R/ASR)	717/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#361 DI-055 (TM) for 505 Neway Space AVB-BC-150P-2-12B Angle Valve) (R/ASR)	719/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#362 DI-055 (TM) for McMaster-	721/0

		Carr 4090K15 Brass-Case Liquid-Filled Gauge) (R/ASR)	
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#363 DI-055 (TM) for 644 DELTA 500-WCS-DST Single Handle Bath Faucet) (R/ASR)	723/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#364 DI-055 (TM) for 644 BOBRICK Washroom Equipment Outfitting Items) (R/ASR)	725/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72056-05 HI-FOG Liquids and Greases) (R/ASR)	978/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72193-01 Letter - AO Smith DVE 150A Heater) (DARC REV)	815/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72829-01 DELTA 500-WCS-DST Single Handle Bath Faucet) (R/ASR)	950/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72183-01 NR Schoellhorn-Albrecht Accommodation Ladder) (R/ASR)	952/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72235-02 NR Chromalox NWH-18-200P-E4 Heater) (R/ASR)	954/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72056-04 HI-FOG Tools) (R/ASR)	976/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#224 DI-055 (TM) for 433 AGOR Tailored LAN & CCTV) (DARC REV)	448/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#325 for 573c Markey Flag Block - Horizontal Guide Sheaves & Winch Monit) (DARC REV)	652/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#368 DI-055 (TM) for 555c Kidde Fire Systems Fuel Shunt System) (R/ASR)	731/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#369 DI-055 (TM) for 505 WEW Figure S15F16-316 SS Gate Valve) (R/ASR)	733/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#370 DI-055 (TM) for 555b HI-FOG Book 4 of 4 Spares Technical Data) (R/ASR)	737/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#371 DI-055 (TM) for 532b Jay R. Smith 5509QT-SAP Quarterhorse Wall Hydrant) (R/ASR)	739/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#372 DI-055 (TM) for 073 Pyrotek Noise Control Decidamp Tile & Adhesive Kit) (R/ASR)	741/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#373 DI-055 (TM) for Chromalox Part Number AR-214LT Thermostat) (R/ASR)	743/0

AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#374 DI-055 (TM) for 504d NOSHOK Thermometers & Thermowells) (R/ASR)	745/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#375 DI-055 (TM) for 262 Gems Sensors LS-1702 Level Switch) (R/ASR)	747/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#377 DI-055 (TM) for 521 Omegadyne Model PX4200-200GI Pressure Transmitter) (R/ASR)	749/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#376 DI-055 (TM) for Fire Extinguishing High Level Manual) (R/ASR)	753/0
AGOR27	A059	STD Report - STUDENT GUIDES (DI-059 Student Guides for Allied Systems (1 Letter and 3 Student Guides)) (R/ASR)	13/0
AGOR27	A006-08	STD Report - PURCHASE ORDER (PO) INDEX (AGOR 27 PO INDEX 2/28/14)	58/0
AGOR28	A031-04	STD Report - TEST REPORT (Markey - Anchor Windlass - ABS Slgn-Off) (R/ASR)	Jan-00
AGOR28	A006-08	STD Report - PURCHASE ORDER (PO) INDEX (AGOR 28 PO INDEX 2-28-14)	50/0
AGOR28	A035-19	STD Report - SSV FACTORY ACCEPTANCE TEST (FAT) NOTIFICATION (Markey - Notification of Demonstration of Hydrographic Winch) (R/ASR)	21/0
AGOR28	A023	STD Report - REGULATORY BODY CERTIFICATES (ABS - Mackay - Anchor Windlass Slgn-off) (R/ASR)	23/0
AGOR27	A052	STD Report - CONFIGURATION DATABASE LISTING (CDBL) (DI-052 CDBL Monthly Submittal #25) (R/ASR)	68/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 PL 72046-01 Hyde Marine Guardian HG60S Ballast Water Treatment Syst) (R/ASR)	970/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72056-02 HI-FOG Sprinklers and Spray Heads) (R/ASR)	972/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72056-03 HI-FOG Section Valves) (R/ASR)	974/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72580-01 NR WEW S15F6-316 Gate Valve) (R/ASR)	984/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72843-03 NR NOSHOK Thermometers) (R/ASR)	986/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720030-01 NR Jay R. Smith Hydrant) (R/ASR)	988/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720102-01 NR Kidde Fuel Shunt System) (R/ASR)	990/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720194-01 NR Chromalox Thermostat) (R/ASR)	992/0

AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720207-01 NR Omegadyne Pressure Transmitter) (R/ASR)	994/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720227-01 NR Pyrotek Decidamp Tile & Adhesive Kit) (R/ASR)	996/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL73933-01 NR Gems Sensors LS-1702 Level Switch) (R/ASR)	998/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (HLS-555NR Fire Extinguishing System) (R/ASR)	1000/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#381 504b Siemens SITRANS LR250 (HART) Radar Level Transmitters) (R/ASR)	759/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#382 504b Siemens Tank Monitoring System HMI Monitoring Stations) (R/ASR)	761/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#383 DI-055 (TM) for 521 Fire Main System High-Level Manual) (R/ASR)	763/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#384 624a Overhead Door Stormite Model 620 Rolling Service Door) (R/ASR)	765/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#385 DI-055 (TM)for 624a Overhead Door Series 652 Rolling Counter Door) (R/ASR)	767/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#386 504b Siemens SITRANS P200 (7MF1565) Pressure Transmitter) (R/ASR)	769/0
AGOR27	A032-05	STD Report - HULL INSPECTION SURVEY REPORT (Hull Inspection Survey) (R/ASR)	Jan-00
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720231-01 NR Ruffneck Electric Heater) (R/ASR)	1002/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (HLS-524c NR Deck Incubator SW) (R/ASR)	1004/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (HLS-524b NR Uncontaminated SW) (R/ASR)	1006/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#378 DI-055 (TM) for 512c Ruffneck Electric Forced Air Heater) (R/ASR)	751/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#379 DI-055 (TM) for High Level Manual Deck Incubator SW) (R/ASR)	755/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#380 DI-055 (TM) for 524b Uncontaminated Seawater High-Level Manual) (R/ASR)	757/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (PO #720137 ASSOCIATED) (R/ASR)	1134/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (HLS-521 NR Fire Main) (R/ASR)	1008/0

AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72773-01NR Siemens TLI SITRANS LR250 (HART)) (R/ASR)	1010/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72773-02 NR Siemens HMI Monitoring Stations) (R/ASR)	1012/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720198-01 NR Overhead Door Stormtite Model 620) (R/ASR)	1014/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720198-02 NR Overhead Door Series 652) (R/ASR)	1016/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72773-03 NR Siemens TLI SITRANS P200 (7MF1565)) (R/ASR)	1018/0